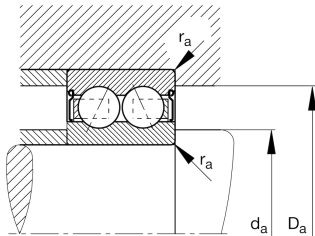
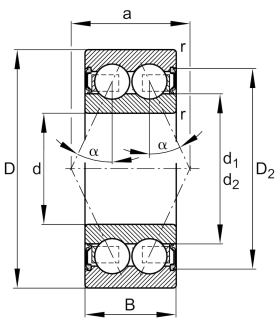


**FAG****3201-BB-2RSR-TVH**

Angular contact ball bearing

Angular contact ball bearing 32...-B-2RSR-TVH, double row, seals, plastic cage

Technical information



Your current product variant

Design variant	B	Bearing without filling slot
Changed internal design	B	B
Type of Seal	2RSR	Contact seal on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	GA13	Ball bearing and insert bearing grease
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	15,9 mm	Width
C _r	10.500 N	Basic dynamic load rating, radial
C _{0r}	5.800 N	Basic static load rating, radial
C _{ur}	300 N	Fatigue load limit, radial
n _G	15.000 1/min	Limiting speed
≈m	0,056 kg	Weight



Mounting dimensions

$d_{a \min}$	16,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	27,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum fillet radius

Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
D_1	25,99 mm	Shoulder diameter outer ring
D_2	27,77 mm	Caliber diameter outer ring
d_1	17,8 mm	Shoulder diameter inner ring
d_2	17,2 mm	Caliber diameter inner ring
a	16,5 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides